

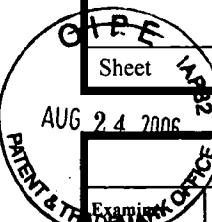
Please type a plus sign (+) inside this box →

10580382 (SB-08A) (01-03) 1791

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE  
to a collection of information unless it contains a valid OMB control number.

**Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.**

Substitute for form 1449A/PTO				<i>Complete if Known</i>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				Application Number	<b>10/580382</b>
				Filing Date	<b>May 22, 2006</b>
				First Named Inventor	<b>KACHNIC, Edward et al.</b>
				Group Art Unit	<b>Unknown 1791</b>
				Examiner Name	<b>Unknown Emmanuel S Luk</b>
				Attorney Docket Number	<b>2000-1220-PCT8-US</b>
(use as many sheets as necessary)					
Sheet <b>1</b>	<b>of</b>	<b>3</b>			



AUG 24 2006

## **U.S. PATENT DOCUMENTS**

Examiner Name	Cite No. <sup>1</sup>	U.S. Patent Document	Date of Publication of Cited Document MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages/Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US- 2004/0128020 A1	07-01-2004	FISCHBACH	ALL
		US- 2004/0093114 A1	05-13-2004	MAGARIO ET AL.	ALL
		2003/0195649 A1	10-16-2003	WUNDER	ALL
		US- 2003/0065420 A1	04-03-2003	KACHNIC ET AL.	ALL
		US- 2003/0007690 A1	01-09-2003	RAJAGOPAL ET AL.	ALL
		US- 2002/0137567 A1	09-26-2002	CHENG	ALL
		US- 2002/0102966 A1	08-01-2002	LEV ET AL.	ALL
		US- 2002/0089298 A1	07-11-2002	HATLEY ET AL.	ALL
		US- 2002/0068106 A1	06-06-2002	KACHNIC ET AL.	ALL
		US- 2001/0034222 A1	10-25-2001	ROUSTAEI ET AL.	ALL
		US- 6,695,994 B2	02-24-2004	BULGRIN ET AL.	ALL
		US- 6,592,355 B2	07-15-2003	KACHNIC ET AL.	ALL
		US- 6,592,354 B2	07-15-2003	KACHNIC ET AL.	ALL
		US- 6,515,696 B1	02-04-2003	DRISCOLL, JR. ET AL.	ALL
		US- 6,463,446 B1	10-08-2002	WOLLRATH ET AL.	ALL
		US- 6,408,429 B1	06-18-2002	MARRION, JR. ET AL.	ALL
		US- 6,400,398 B1	06-04-2002	CHEN	ALL
		US- 6,396,949 B1	05-28-2002	NICHANI	ALL
		US- 6,369,873 B1	04-09-2002	LEVY ET AL.	ALL
		US- 6,362,875 B1	03-26-2002	BURKLEY	ALL
		US- 6,356,192 B1	03-12-2002	MENARD ET AL.	ALL
		US- 6,275,741 B1	08-14-2001	CHOI	ALL
		US- 6,258,303 B1	07-10-2001	HIBI ET AL.	ALL
		US- 6,232,583 B1	05-15-2001	UHM	ALL
		US- 6,233,626 B1	05-15-2001	SWALES ET AL.	ALL
		US- 6,226,395 B1	05-01-2001	GILLILAND	ALL
		US- 6,208,266 B1	03-27-2001	LYONS ET AL.	ALL

Examiner Signature	/Emmanuel Luk/	Date Considered	05/12/2008
-----------------------	----------------	--------------------	------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (Optional). <sup>2</sup> See Kinds of U.S.PTO Patent Documents. At [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04 <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450.  
**DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Commissioner for Patents, P.O. Box 1450 Alexandria VA 22313-1450

If you need assistance in completing the form, call 1-800-OPTO-9199 (1-800-786-9199) and select option 2.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /E.L./

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Submitted for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				<b>Complete if Known</b>
				Application Number <b>10/580382</b>
				Filing Date <b>May 22, 2006</b>
				First Named Inventor <b>KACHNIC, Edward et al.</b>
				Group Art Unit <b>Unknown 1791</b>
				Examiner <b>Unknown Emmanuel S Luk</b>
Sheet	2	of	3	Attorney Docket Number <b>2000-1220-PCT8-US</b>

	US-A 6,192,257 B1	02-20-2001	RAY	ALL
	US-A 6,094,219	07-25-2000	ROBERTS	ALL
	US-A 6,066,089	05-23-2000	COSTELLO ET AL.	ALL
	US-A 6,051,170	04-18-2000	KAMIGUCHI ET AL.	ALL
	US-A 6,024,902	02-15-2000	MAUS ET AL.	ALL
	US-A 5,591,385	01-07-1997	ARAI ET AL.	ALL
	US-A 5,978,578	11-02-1999	AZARYA ET AL.	ALL
	US-A 5,940,139	08-17-1999	SMOOT	ALL
	US-A 5,928,578	07-27-1999	KACHNIC ET AL.	ALL
	US-A 5,898,591	04-27-1999	HETTINGA ET AL.	ALL
	US-A 5,891,383	04-06-1999	JOSEPH	ALL
	US-A 5,878,153	03-02-1999	MIKULEC ET AL.	ALL
	US-A 5,825,617	10-20-1998	KOCHIS ET AL.	ALL
	US-A 5,815,397	09-29-1998	SAITO ET AL	ALL
	US-A 5,806,005	09-08-1998	HULL ET AL.	ALL
	US-A 5,795,511	08-18-1998	KALANTZIS ET AL.	ALL
	US-A 5,768,138	06-16-1998	RUOTOLI	ALL
	US-A 5,567,366	10-22-1996	MOTEGI ET AL.	ALL
	US-A 5,470,218	11-28-1995	HILLMAN ET AL.	ALL
	US-A 5,454,022	09-26-1995	LEE ET AL.	ALL
	US-A 5,243,665	09-07-1993	MANEY ET AL.	ALL
	US-A 5,223,191	06-29-1993	TATSUNO ET AL.	ALL
	US-A 5,158,724	10-27-1992	YAGI ET AL.	ALL
	US-A 5,115,136	05-19-1992	TOMASCH	ALL
	US-A 5,095,252	03-10-1992	KURTH	ALL
	US-A 5,062,053	10-29-1991	SHIRAI ET AL.	ALL
	US-A 5,062,052	10-29-1991	SPARER ET AL.	ALL
	US-A 4,933,126	06-12-1990	SHUMAN	ALL
	US-A 4,871,493	10-03-1989	GOTO	ALL
	US-A 4,841,364	06-20-1989	KOSAKA ET AL.	ALL

Examiner Signature	/Emmanuel Luk/	Date Considered	05/12/2008
--------------------	----------------	-----------------	------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (Optional). <sup>2</sup> See Kinds of U.S. PTO Patent Documents. At [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04 <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450 Alexandria VA 22313-1450

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Submitted for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				<i>Complete if Known</i>	
Sheet	3	of	3	Application Number	<b>10/580382</b>
				Filing Date	<b>May 22, 2006</b>
				First Named Inventor	<b>KACHNIC, Edward et al.</b>
				Group Art Unit	<b>Unknown 1791</b>
				Examiner	<b>Unknown Emmanuel S. Luk</b>
				Attorney Docket Number	<b>2000-1220-PCT8-US</b>

		us-p 4,806,292	02-21-1989	DELACY	ALL
		us-p 4,603,329	07-29-1986	BANGERTER ET AL.	ALL
		us-p 4,358,186	11-09-1982	JOHNSON ET AL.	ALL
		us-p 4,236,181	11-25-1980	SHIBATA ET AL.	ALL
		us-p 3,642,401	02-15-1972	WILSON	ALL
		us-p 3,303,537	02-14-1967	MISLAN	ALL

<b>FOREIGN PATENT DOCUMENTS</b>					
Examiner Initials *	Cite No. <sup>1</sup>	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages/Relevant Figures Appear
		Country Code <sup>3</sup>	Number <sup>4</sup> Kind Code <sup>5</sup> ( <i>If known</i> )		
	DE	19909307 A1		07-17-1998 KRAUSE	ALL
	EP	1128244 A2		08-29-2001 MESCHIA	ALL
	WO	01/98050 A1		12-27-2001 KACHNIC ET AL.	ALL
	DE	20204359 U1		06-06-2002 ENGEL MASCHBAU	ALL

<b>NON PATENT LITERATURE DOCUMENTS</b>				
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the Author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, pages (s), volume-issue, number(s), publisher, city and/or country where published		
		ABBOTT et al., "Elimination of Process Constraints In Plastics Injection Molding", International Polymer Processing, 1999, 13(3); pg. 249-255.		

Examiner Signature	/Emmanuel Luk/	Date Considered	05/12/2008
--------------------	----------------	-----------------	------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (Optional). <sup>2</sup>See Kinds of U.S.PTO Patent Documents At [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04 <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450 Alexandria VA 22313-1450

*If you need assistance in completing the form, call 1-800-0PTO-9199 (1-800-786-9199) and select option 2*

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /E.L./